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28875 7590 11/10/2004

Zilka-Kotab, PC
P.O. BOX 721120
SAN JOSE, CA 95172-1120

EXAMINER

MOORTHY, ARAVIND K

ART UNIT

PAPER NUMBER

2131

DATE MAILED: 11/10/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/574,395	05/19/2000	Jeff Cook	252/109	7205

TITLE OF INVENTION: METHOD AND SYSTEM FOR MANAGEMENT AND NOTIFICATION OF ELECTRONIC CERTIFICATE CHANGES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$0	\$1370	02/10/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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28875	7590	11/10/2004	EXAMINER	
Zilka-Kotab, PC P.O. BOX 721120 SAN JOSE, CA 95172-1120			MOORTHY, ARAVIND K	
			ART-UNIT	PAPER NUMBER
			2131	

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Determination of Patent Term Extension under 35 U.S.C. 154 (b)
(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

Notice of Allowability**Application No.**

09/574,395

Examiner

Aravind K Moorthy

Applicant(s)

COOK ET AL.

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/18/04.
2. ☒ The allowed claim(s) is/are 26.
3. ☒ The drawings filed on 5/19/00 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Aravind
 AVAZ SENEKH
 SUPERVISORY PATENT EXAMINER
 TECHNOLOGY CENTER 2100

Application/Control Number: 09/574,395
Art Unit: 2131

Page 2

DETAILED ACTION

1. Claim 26 is pending in the application.
2. Claims 1-25 have been cancelled.
3. Claim 26 has been allowed.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kevin Zilka on 11/4/04.

The application has been amended as follows:

Claim 26 (amended) In a system adapted for monitoring for changes in condition of one or more electronic certificates, and adapted for communication with a user of the one or more electronic certificates, a method for notification of a change in condition of an electronic certificate, comprising:

detecting a change in condition of the electronic certificate;

notifying the user of the electronic certificate of the change in condition;

allowing the user to download an updated version of the electronic certificate;

forwarding an updated electronic certificate to the user concurrently with the step of notifying, thereby updating the electronic certificate;

Application/Control Number: 09/574,395

Page 3

Art Unit: 2131

notifying the user by electronic mail;

notifying the user by telephone using an electronic voice messaging system;

notifying the user by providing a paging signal to a pager for the recipient;

negotiating a contract with the user;

wherein the change in condition detected in the detecting step consists of a change in condition including: revocation of, roll-over of, change in field of, disablement of, and expiration of the electronic certificate;

wherein a graphical user interface is utilized to allow the user to negotiate electronic certificate monitoring service contract terms, the graphical user interface including a plurality of drop down menus each associated with one of the terms for allowing the user to select among a plurality of choices relating to the associated terms the terms including:

the frequency in which the user is notified, including every month, every week, every day, and every minute,

the type of change the user is notified of in the step of notifying, including the revocation of, the roll-over of, the change in field of, the disablement of, and the expiration of the electronic certificate,

the way of notifying the user, including the electronic mail, the telephone using the electronic voice messaging system, and the paging signal to the pager for the recipient, the diligence with which the user is

Application/Control Number: 09/574,395
Art Unit: 2131

Page 4

notified of the change in condition, including a number of times contact is attempted with the user, and a price for notifying the user.

Allowable Subject Matter

5. Claim 26 is allowed.

The following is an examiner's statement of reasons for allowance.

As to independent claim 26, prior art teaches detecting a change in condition of the electronic certificate, as taught by Moses et al U.S. Patent No. 6,442,688 B1. Prior art teaches notifying the user of the electronic certificate of the change in condition, as taught by Moses et al U.S. Patent No. 6,442,688 B1. Prior art teaches allowing the user to download an updated version of the electronic certificate, as taught by Moses et al U.S. Patent No. 6,442,688 B1. Prior art teaches forwarding an updated electronic certificate to the user concurrently with the step of notifying, thereby updating the electronic certificate, as taught by Moses et al U.S. Patent No. 6,442,688 B1. Prior art teaches notifying the user by electronic mail, as taught by Arledge et al U.S. Patent No. 5,561,703. Prior art teaches notifying the user by telephone using an electronic voice messaging system, as taught by Arledge et al U.S. Patent No. 5,561,703. Prior art teaches notifying the user by providing a paging signal to a pager for the recipient, as taught by Arledge et al U.S. Patent No. 5,561,703. Prior art teaches negotiating a contract with the user, as taught by Geiger U.S. Patent No. 6,434,536 B1. Prior art teaches a graphical user interface that is utilized to allow the user to negotiate electronic certificate monitoring service contract terms, as taught by Geiger U.S. Patent No. 6,434,536 B1. Prior art teaches that the graphical user interface includes a plurality of drop down menus each associated with one of the terms, as taught by Geiger U.S. Patent No. 6,434,536 B1. Prior art teaches allowing the user to select among a

Application/Control Number: 09/574,395
Art Unit: 2131

Page 5

plurality of choices relating to the associated terms the terms including: the frequency in which the user is notified, including every month, every week, every day, and every minute, as taught by Turnbull et al U.S. Patent No. 6,092,201.

However, prior art does not disclose, teach or fairly suggest that the change in condition detected in the detecting step consists of a change in condition including: revocation of, roll-over of, change in field of, disablement of, and expiration of the electronic certificate

The closest prior art to the current application was Moses et al U.S. Patent No. 6,442,688 B1. The current application differs from Moses et al U.S. Patent No. 6,442,688 B1 in that "electronic certificate updates" is taught, but is not specific in the types of updates. Moses et al does not necessarily suggest the specific type of updates claimed by the applicant. Moses et al contemplates the specific types of updates that were to be included and, in doing so, failed to include applicant's claimed "type of change the user is notified of in the step of notifying, including the revocation of, the roll-over of, the change in field of, the disablement of, and the expiration of the electronic certificate."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 09/574,395
Art Unit: 2131

Page 6

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aravind K Moorthy whose telephone number is 571-272-3793. The examiner can normally be reached on Monday-Friday, 8:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Aravind K Moorthy
November 4, 2004


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

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